

# **EXHIBIT A**

**"REVISED"**

Working as agent for DBPR

These Prints comply with the  
Florida Manufactured Bld.  
Act and adopted Codes and  
Adhere to the following Criteria:

Construction Type VBOccupancy UAllowable # floors 1Wind Velocity 160 VultFire Rating of Ext. Walls N/APlan # 1RPER210076Allow. Floor Load 40Approval Date 3/27/23

Main Weather King

Approval of this document does not

Warrant Approval or Deviation

From the requirements of applicable

State Laws

ITEMS BY OTHERS:

THE FOLLOWING ITEMS MAY BE SUPPLIED AND  
INSTALLED BY OTHERS. THESE ITEMS MAY BE  
SUBJECT TO LOCAL JURISDICTION APPROVAL.  
WEATHER KING PORTABLE BUILDINGS IS NOT  
RESPONSIBLE FOR THESE ITEMS.

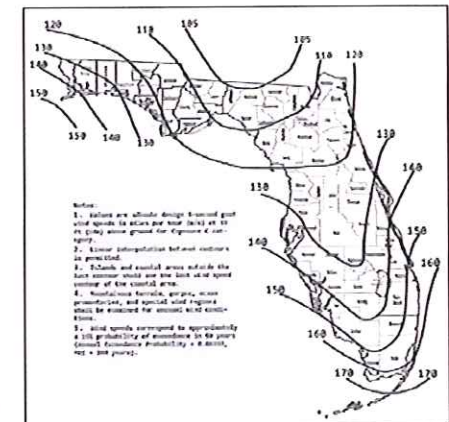
1. THE FOUNDATION AND TIE-DOWN SYSTEM

2. RAMPS, STAIRS, AND GENERAL ACCESS

3. ELECTRICAL SERVICE HOOKUP

Approved by Phillip E Robbins  
Florida PE-49070

Phillip E Robbins  
Plan No. 1RPER210076 Date: 03/27/2023



## GENERAL NOTES:

- STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE (FBC).
- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE ABOVE CODES AT THE TIME OF MANUFACTURE.
- DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
- STRUCTURES ARE CLASSIFIED AS "MINOR STORAGE FACILITIES" (RISK CATEGORY I) PER TABLE 1604.5 AND SHOULD NOT BE USED FOR HUMAN HABITATION.
- STRUCTURES ARE DESIGNED FOR LOCATIONS THAT HAVE A 3 SECOND WIND GUST OF 160 MPH FOR RISK CATEGORY I STRUCTURES PER FIGURE 1609.3(4) OF THE 2020 FBC.
- SIDING FASTENERS SHALL NOT BE INSTALLED IN PANEL SIDING GROOVES IN THE FIELD OF THE PANEL OR WHEN THE SIDING GROOVES OCCUR AT CUT EDGES OF THE SIDING PANEL.
- STRUCTURES ARE DESIGNED FOR LOCATIONS THAT ARE NOT IN FLOOD HAZARD AREAS.
- IN ACCORDANCE WITH FBC 1609.1.2, STORAGE SHEDS NOT DESIGNED FOR HUMAN HABITATION WITH A FLOOR AREA OF 720 SQUARE FEET OR LESS ARE NOT REQUIRED TO COMPLY WITH THE MANDATORY WINDBORNE DEBRIS IMPACT STANDARDS OF THE 2020 FBC.
- IN ACCORDANCE WITH FBC 1010.1.1, BUILDINGS THAT ARE 400 SQUARE FEET OR LESS THAT ARE INTENDED FOR USE IN CONJUNCTION WITH ONE- AND TWO- FAMILY RESIDENCES ARE NOT SUBJECT TO THE DOOR HEIGHT AND WIDTH REQUIREMENTS OF THE 2020 FBC.
- ALL ROOF DECKING IS TO BE  $\frac{1}{16}$ " OSB,  $\frac{1}{32}$ " PLYWOOD,  $\frac{1}{2}$ " PLYWOOD, OR EQUIVALENT. FASTEN ROOF SHEATHING TO ROOF FRAMING WITH  $2\frac{3}{8}$ " RING SHANK NAILS SPACED AT 6" MAX, UNLESS NOTED OTHERWISE ON SHEET S-1.6.
- ALL SIDING IS TO BE TREATED T1-11, LP SMARTSIDE PANEL, OR 29 GA. METAL SIDING.

- ALL FLOOR JOISTS ARE TO BE PRESSURE TREATED SYP #2, OR BETTER.
- ALL UN-TREATED WOOD FRAMING IS TO BE TO BE SPF #2 OR BETTER, UNLESS NOTED OTHERWISE.
- WOOD FRAMING SHALL COMPLY WITH THE ANSI/AWC "NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION", 2018.
- ALL FLOOR DECKING IS TO BE  $\frac{5}{8}$ " TREATED PLYWOOD OR  $\frac{5}{8}$ " PERFORMAX 500 FLOOR SHEATHING. FLOORING CLOSER THAN 18 INCHES TO EXPOSED GROUND SHALL BE OF NATURALLY DURABLE OR PRESERVATIVE- TREATED WOOD IN ACCORDANCE WITH 2304.12.1.1.
- ALL SKIDS ARE TO BE 4x6 PRESSURE TREATED, RATED FOR GROUND CONTACT.
- REFER TO THE SUPPLIED FASTENING SCHEDULE FOR FASTENING BASED ON CONNECTION AND LOCATION OF MEMBERS AS PER THE 2020 FLORIDA BUILDING CODE TABLE 2304.10.1, UNLESS NOTED OTHERWISE.
- ALL EXTERIOR NAILS ARE TO BE ZINC COATED.
- STRUCTURES SHOULD HAVE 30 YEAR RATED ASPHALT SHINGLES CONFORMING TO ASTM D3161 (CLASS F) OR ASTM D7158 (CLASS H) OR 29 GA METAL ROOF PANELS.
- SECTIONS AND DETAILS SHOWN ARE INTENDED TO BE TYPICAL AND SHALL APPLY AT ALL SIMILAR LOCATIONS, UNLESS NOTED OTHERWISE.
- ALL BUILDINGS ARE TO BE ADEQUATELY ANCHORED TO TO RESIST WIND LOADS. ANCHORING OF THE BUILDING IS SUBJECT TO LOCAL JURISDICTION APPROVAL.
- BUILDINGS HAVE NOT BEEN DESIGNED FOR HVHZ REQUIREMENTS AS SET FORTH IN THE 2020 FBC.

## DESIGN CRITERIA:

1. RISK CATEGORY I

2. LIVE LOADS:

FLOOR: 40 PSF

LOFT: 10 PSF

ROOF: 20 PSF

3. DEAD LOADS:

FLOOR: 4 PSF

ROOF: 5 PSF

WALLS: 3 PSF

4. WIND LOADS ARE BASED ON:

Vult = 160 MPH (2020)

Vasd = 124 MPH

RISK CATEGORY I

EXPOSURE CATEGORY C

INTERNAL PRESSURE COEFFICIENT:

GCpi =  $\pm 0.18$ 

COMPONENTS &amp; CLADDING:

EFFECTIVE WIND AREA, Ae = 10 FT<sup>2</sup>

ROOF-ZONE 1 = 19.3, -30.6 PSF

ROOF-ZONE 2 = 19.3, -53.3 PSF

ROOF-ZONE 3 = 19.3, -78.9 PSF

WALL-ZONE 4 = 33.5, -36.3 PSF

WALL-ZONE 5 = 33.5, -44.8 PSF

EFFECTIVE WIND AREA, Ae = 20 FT<sup>2</sup>

ROOF-ZONE 1 = 17.6, -29.8 PSF

ROOF-ZONE 2 = 17.6, -49.0 PSF

ROOF-ZONE 3 = 17.6, -73.7 PSF

WALL-ZONE 4 = 32.0, -34.8 PSF

WALL-ZONE 5 = 32.0, -41.8 PSF

NOTE: C&C WIND PRESSURES SHOWN MAY BE  
REDUCED FOR LARGER AREAS AS ALLOWED  
BY CODE.

5. CONSTRUCTION TYPE: V-B

6. OCCUPANCY GROUP U

**NDI**  
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**DOCUMENT**

**WEATHER KING**  
P.O. BOX 108  
PARIS, TN 38242



LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

Digitally signed by Kevin Nolan  
DN:  
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00179D834EF80000196AF, cn=Kevin  
Nolan, c=US  
Date: 2023.03.22 13:44:27 -05'00'

**Weather King**  
PORTABLE BUILDINGS

PROJECT NO:  
DATE: 09-28-2021  
DRAWN BY: KLN  
CHECKED BY: KLN  
REVISION: 03-22-2023

SHEET NUMBER

S-O-LB

SCALE: NONE

1. This item has been electronically signed and sealed by Kevin L. Nolan, PE on 03/22/2023 using a digital signature.  
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## FASTENING SCHEDULE

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DESCRIPTION OF BUILDING ELEMENT	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
ROOF FRAMING		
1. BLOCKING BETWEEN CEILING JOISTS OR RAFTERS TO TOP PLATE OR OTHER FRAMING.	3 - 8d COMMON (2 1/2" x 0.131") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES, 1/16" CROWN	EACH END, TOENAIL
2. BLOCKING BETWEEN RAFTERS NOT AT THE WALL TOP PLATE, TO RAFTER.	2 - 8d COMMON (2 1/2" x 0.131") 2 - 3" x 0.131" NAILS 2 - 3" 14 GAGE STAPLES  2 - 16d COMMON (3 1/2" x 0.162") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	EACH END, TOENAIL  END NAIL
COLLAR TIE TO RAFTER	REFERENCE SHEETS S-2.4 AND S-2.5	
RAFTER OR ROOF TRUSS TO TOP PLATE	3 - 10d COMMON (3" x 0.148") 3 - 16d BOX (3 1/2" x 0.135") 4 - 10d BOX (3" x 0.128") 4 - 3" x 0.131" NAILS 4 - 3" 14 GAGE STAPLES, 1/16" CROWN	TOENAIL <sup>b</sup>
CEILING JOISTS TO TOP PLATE	3 - 8d COMMON (2 1/2" x 0.131") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES, 1/16" CROWN	EACH JOIST, TOENAIL
WALL FRAMING		
STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")	24" O.C. FACE NAIL
	10d BOX (3" x 0.128") 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	16" O.C. FACE NAIL
	16d COMMON (3 1/2" x 0.162")	16" O.C. FACE NAIL
STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d BOX (3 1/2" x 0.135")	12" O.C. FACE NAIL
	3" x 0.131" NAILS	12" O.C. FACE NAIL
	3 - 3" 14 GAGE STAPLES, 1/16" CROWN	12" O.C. FACE NAIL
CONTINUOUS HEADER TO STUD	4 - 8d COMMON (2 1/2" x 0.131") 4 - 10d BOX (3" x 0.128")	TOENAIL
TOP PLATE TO TOP PLATE	16d COMMON (3 1/2" x 0.162")	16" O.C. FACE NAIL
	10d BOX (3" x 0.128") 3" x 0.131" NAILS	12" O.C. FACE NAIL
	3" 14 GAGE STAPLES, 1/16" CROWN	

DESCRIPTION OF BUILDING ELEMENT	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
WALL FRAMING (CONT.)		
TOP PLATE TO TOP PLATE, AT END JOINTS	8 - 16d COMMON (3 1/2" x 0.162") 12 - 10d BOX (3" x 0.128") 12 - 3" x 0.131" NAILS 12 - 3" 14 GAGE STAPLES, 1/16" CROWN	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST, OR BLOCKING (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")  16d BOX (3 1/2" x 0.135") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, 1/16" CROWN	16" O.C. FACE NAIL  12" O.C. FACE NAIL
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST, OR BLOCKING (AT BRACED WALL PANELS)	2 - 16d COMMON (3 1/2" x 0.162") 3 - 16d BOX (3 1/2" x 0.135") 4 - 3" x 0.131" NAILS 4 - 3" 14 GAGE STAPLES, 1/16" CROWN	16" O.C. FACE NAIL
STUD TO TOP OR BOTTOM PLATE	4 - 8d COMMON (2 1/2" x 0.131") 4 - 10d BOX (3" x 0.128") 4 - 3" x 0.131" NAILS 4 - 3" 14 GAGE STAPLES, 1/16" CROWN	TOENAIL
	2 - 16d COMMON (3 1/2" x 0.162") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES, 1/16" CROWN	END NAIL
	2 - 16d COMMON (3 1/2" x 0.162") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES, 1/16" CROWN	FACE NAIL
FLOOR FRAMING		
JOIST TO SKID	3 - 8d COMMON (2 1/2" x 0.131") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES, 1/16" CROWN	TOENAIL
BUILT-UP BEAMS	10d BOX (3" x 0.128") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, 1/16" CROWN	24" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
	AND: 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES, 1/16" CROWN	ENDS AND AT EACH SPLICE, FACE NAIL
	3 - 16d COMMON (3 1/2" x 0.162") 4 - 10d BOX (3" x 0.128") 4 - 3" x 0.131" NAILS 4 - 3" 14 GAGE STAPLES, 1/16" CROWN	END NAIL



## LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

*Kevin L. Nolan*

Digitally signed by Kevin Nolan  
DN:  
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0179D834EF80000196AF, cn=Kevin  
Nolan, c=US  
Date: 2023.03.22 13:44:53 -05'00'

**Weather King**  
PORTABLE BUILDINGS

PROJECT NO:

DATE: 09-28-2021

DRAWN BY: KLN

CHECKED BY: KLN

REVISION:

SHEET NUMBER

**S-0.1-LB**

SCALE: NONE

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FASTENING SCHEDULE (CONT.)

DESCRIPTION OF BUILDING ELEMENT		NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING <sup>a</sup>				
			EDGES (INCHES)	INTERMEDIATE SUPPORTS (INCHES)
⅛" TO ½"	6d COMMON OR DEFORMED (2" x 0.113") (SUBFLOOR AND WALL)	6	6	12
	8d COMMON OR DEFORMED (2½" x 0.131") (ROOF)	6	6	12
	2½" x 0.113" NAIL (SUBFLOOR AND WALL)	6	6	12
	1¼" 16 GAGE STAPLE, ⅛" CROWN (SUBFLOOR AND WALL)	4	4	8
	2¼" x 0.113" RING SHANK NAIL (ROOF)	6	6	12
	1¼" 16 GAGE STAPLE, ⅛" CROWN (ROOF)	3	6	6
1½" TO ¾"	8d COMMON (2½" x 0.131") 6d DEFORMED (2" x 0.113") (SUBFLOOR AND WALL)	6	6	12
	2½" x 0.113" RING SHANK NAIL	6	6	12
EXTERIOR WALL SIDING				
⅜" LP SMARTSIDE PRECISION PANEL OR ⅜" TREATED T1-11 SIDING	2½" x 0.113" RING SHANK NAIL	6 (SIDE WALL)	6	6
	2½" x 0.113" RING SHANK NAIL	3 (END WALL)	6	6

a. NAILS SPACED AT 6 INCHES AT INTERMEDIATE SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX, OR CASING.  
b. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL.

Approved by Phillip E Robbins  
Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

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LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

*Kevin Nolan*

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Nolan, c=US  
Date: 2023.03.22 13:45:13 -05'00'

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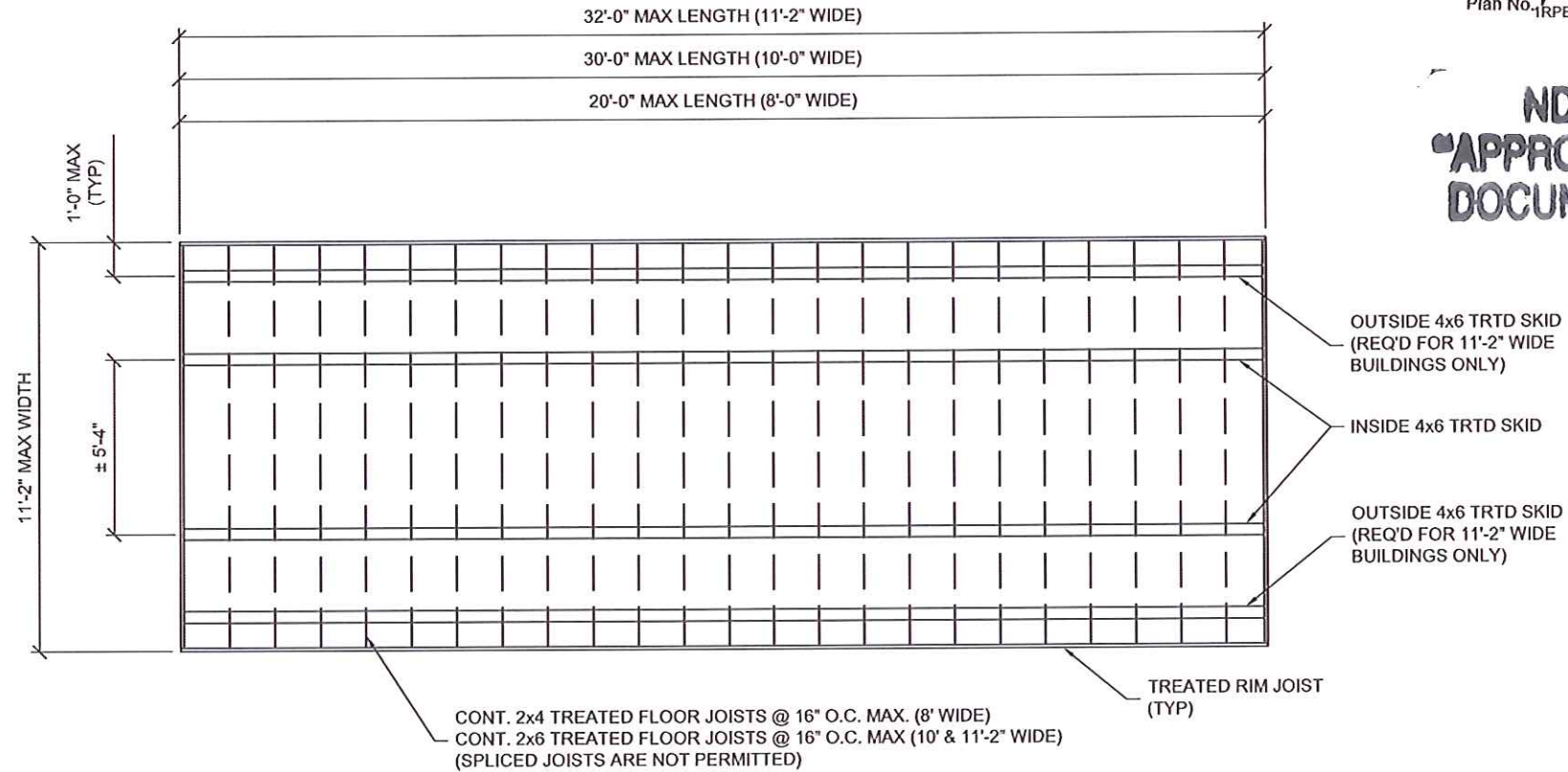
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REVISION:

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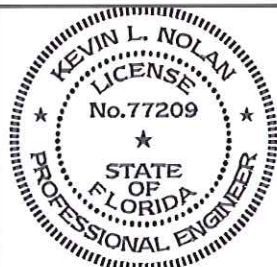
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*Phillip E. Robbins*  
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TYPICAL FLOOR FRAMING PLAN



**LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020**

*Kevin Nolan*

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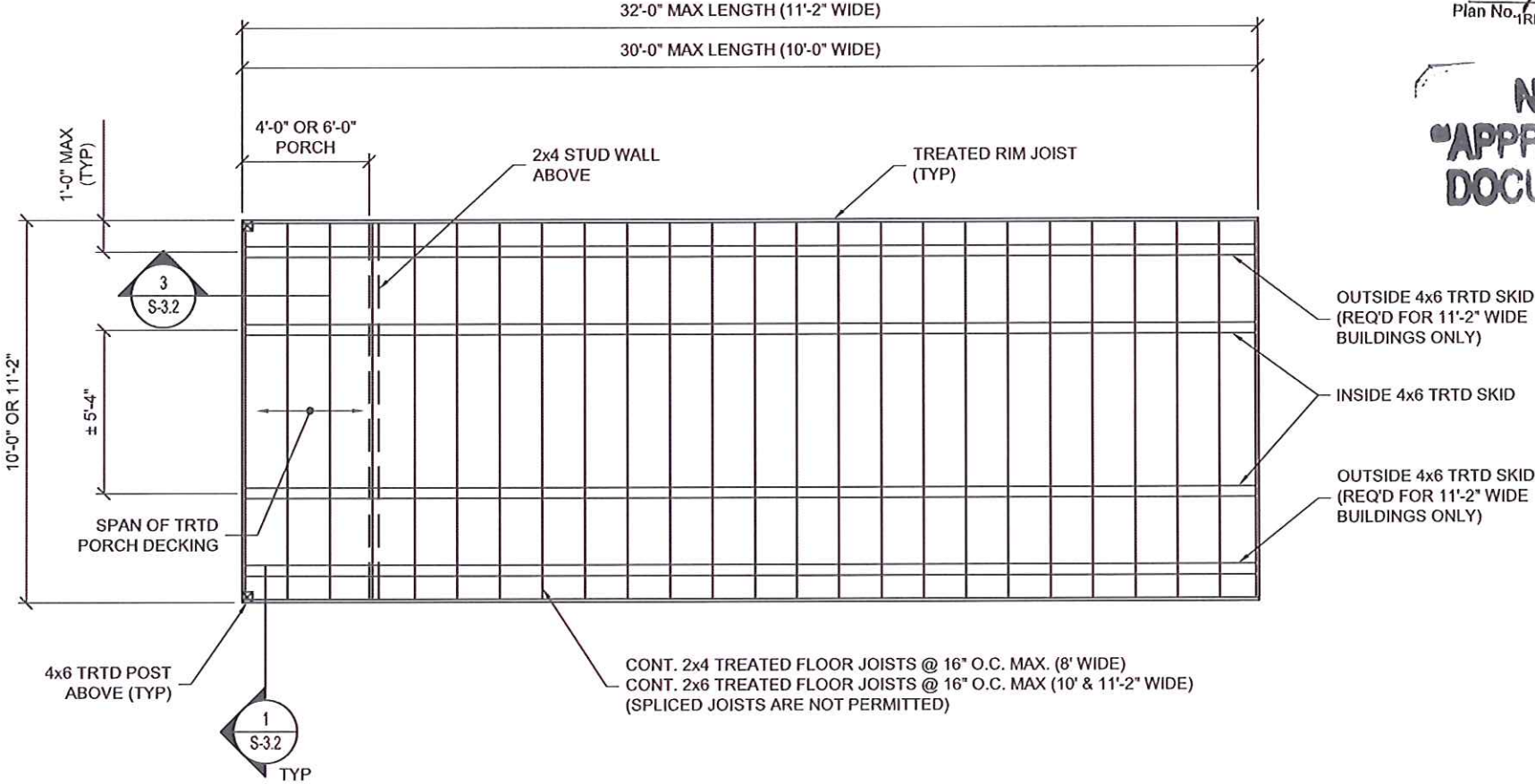
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Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

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LOFTED BARN CABIN FLOOR FRAMING PLAN (OPTIONAL)



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

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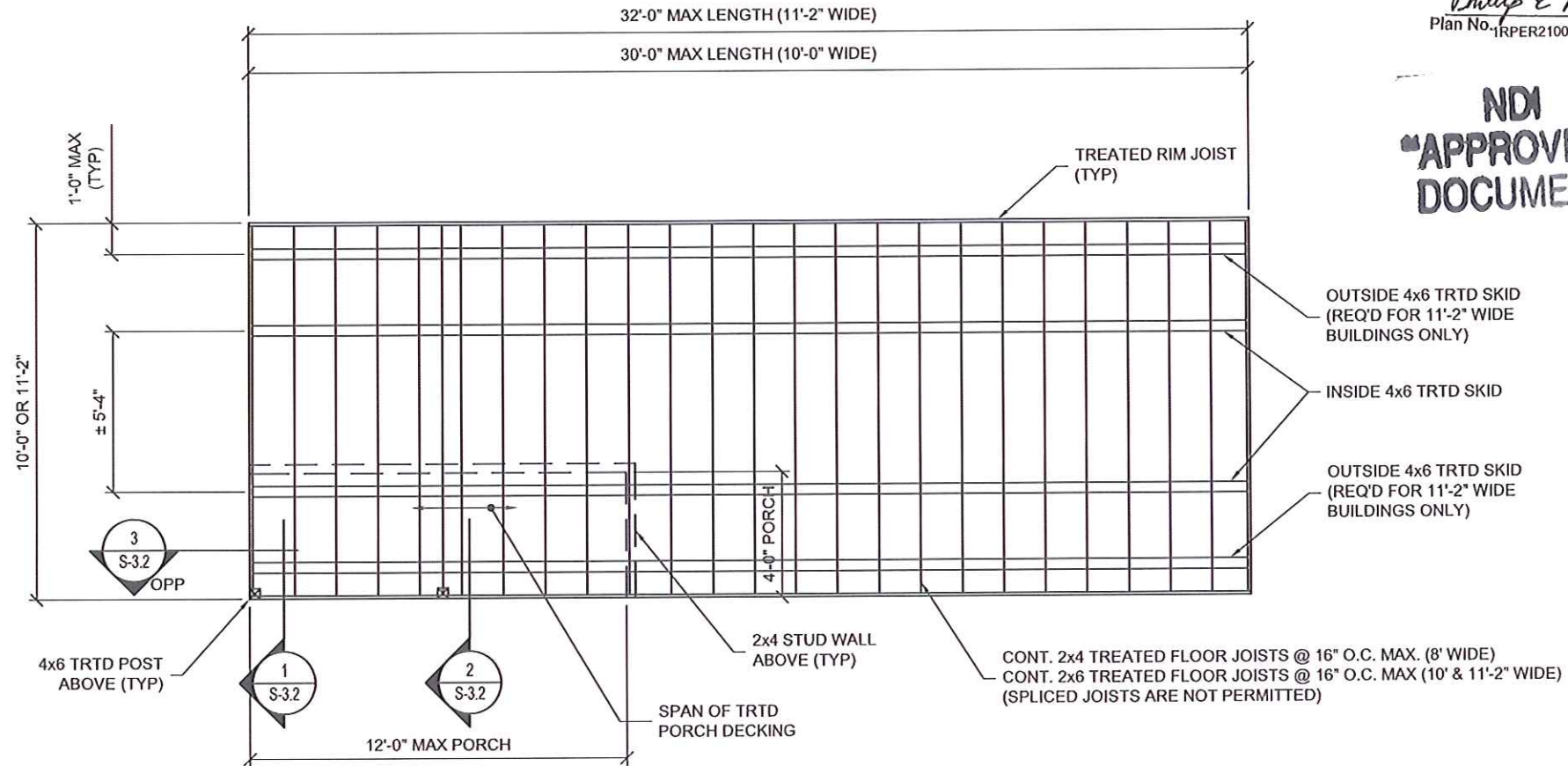
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DATE:	09-28-2021
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Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

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SIDE LOFTED BARN CABIN FLOOR FRAMING PLAN (OPTIONAL)



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

*Kevin L. Nolan*

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PROJECT NO:	
DATE:	09-28-2021
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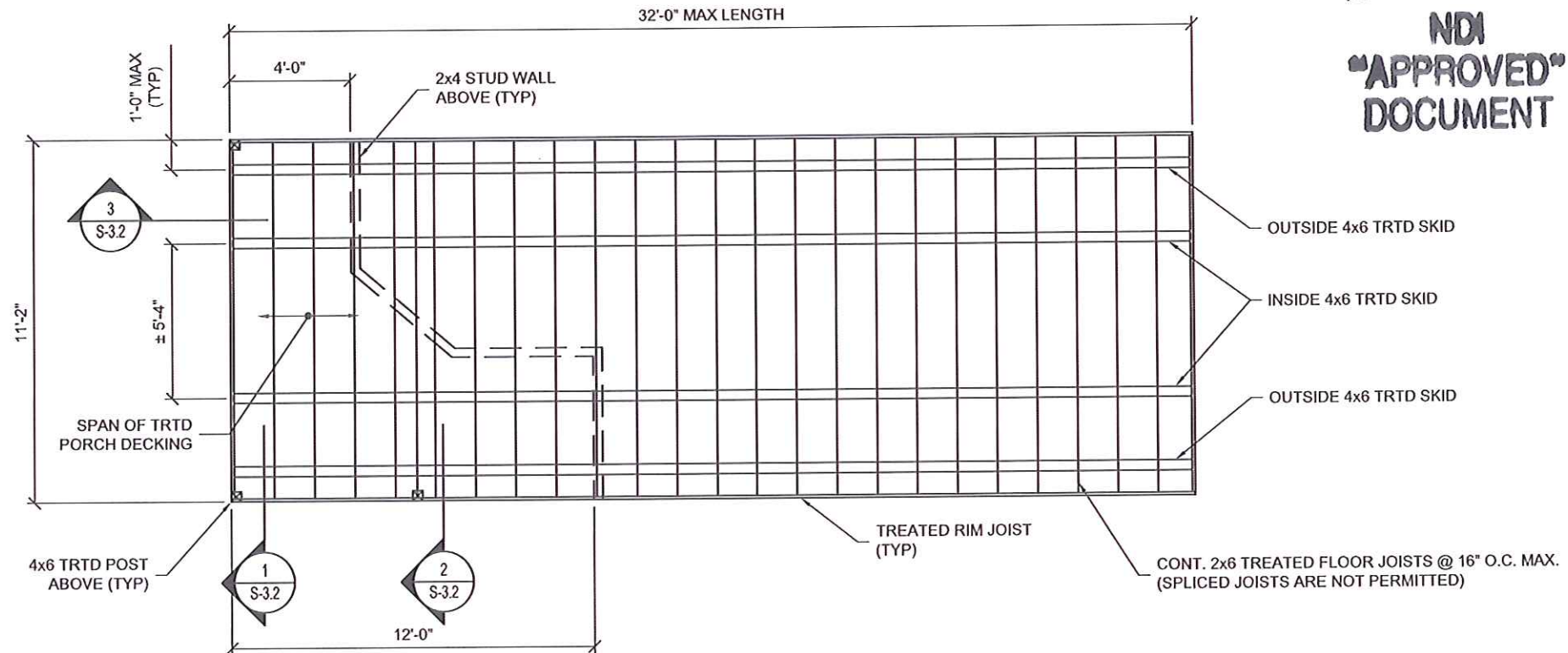
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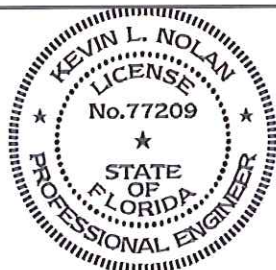
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Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

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DELUXE LOFTED BARN CABIN FLOOR FRAMING PLAN (OPTIONAL)



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

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c=US  
Date: 2023.03.22 13:47:01 -05'00'

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PROJECT NO:  
DATE: 09-28-2021  
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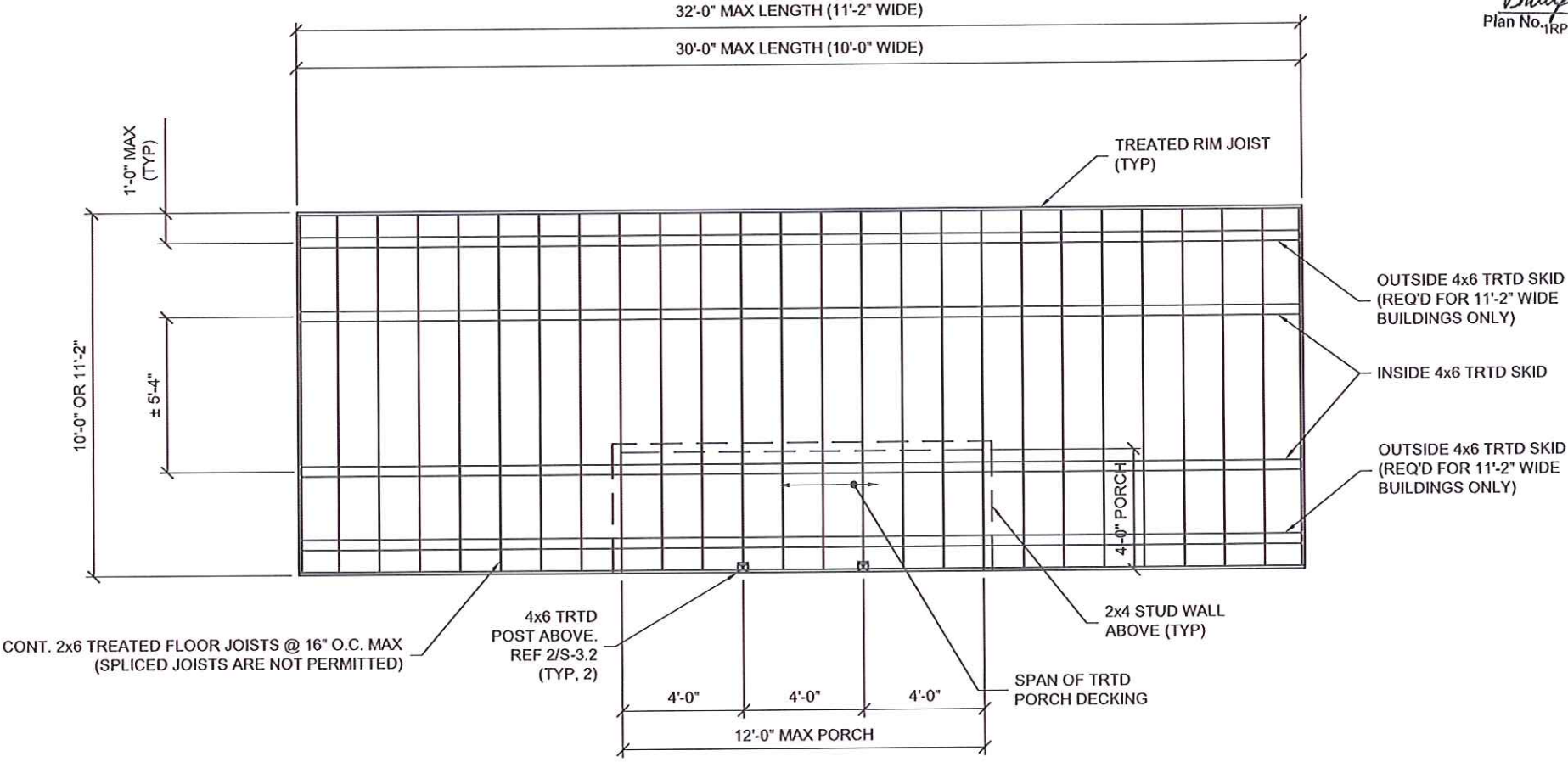
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Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023



CENTER PORCH CABIN FLOOR FRAMING PLAN (OPTIONAL)



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

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Date: 2023.03.22 13:47:28 -05'00'

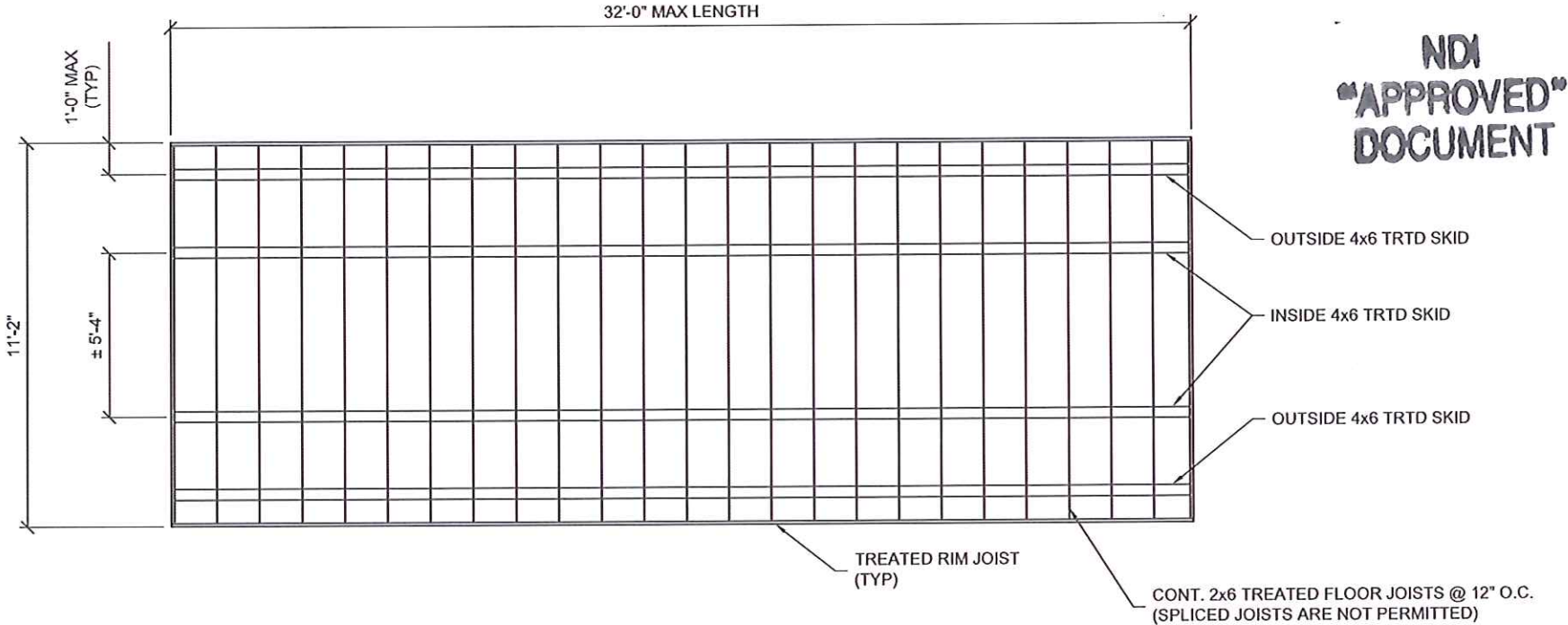


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DATE:	09-28-2021
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	03-22-2023

SHEET NUMBER
<b>S-14-LB</b>
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Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023



LOFTED BARN w/ ROLL-UP DOOR FLOOR FRAMING PLAN (OPTIONAL)



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

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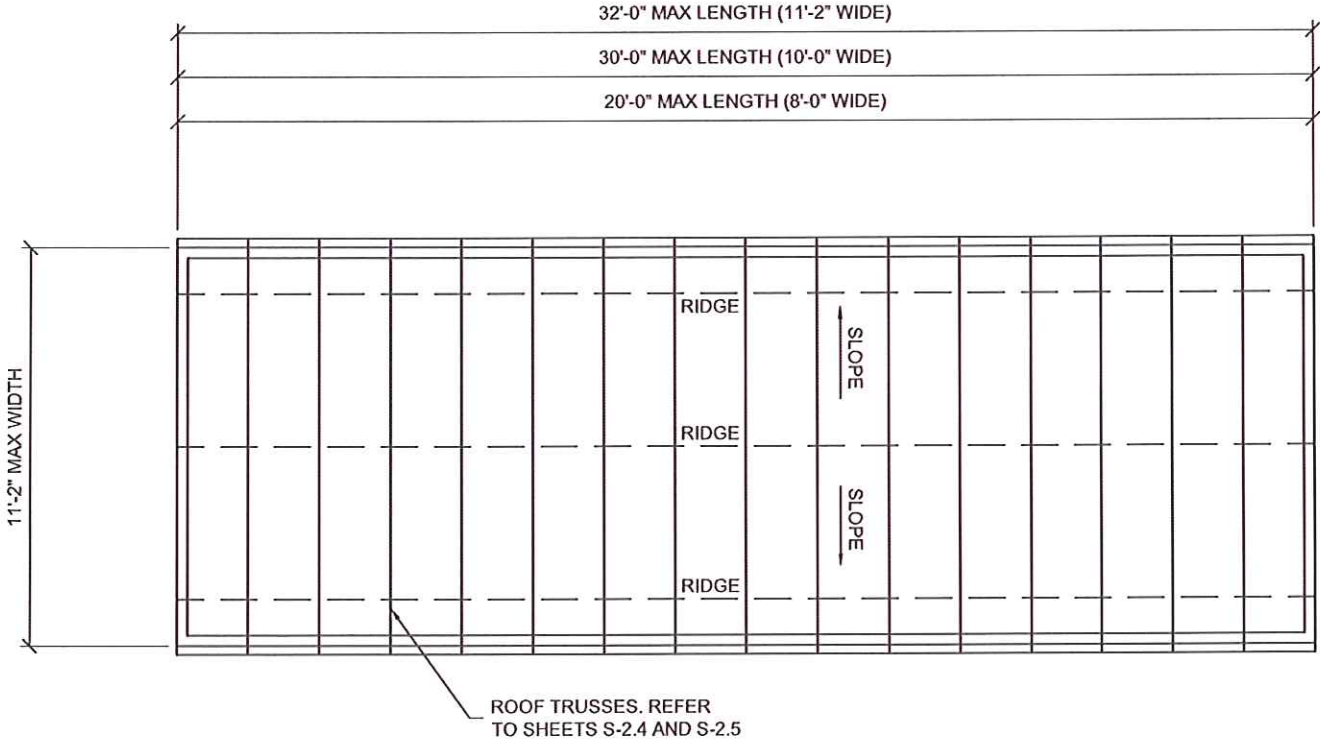
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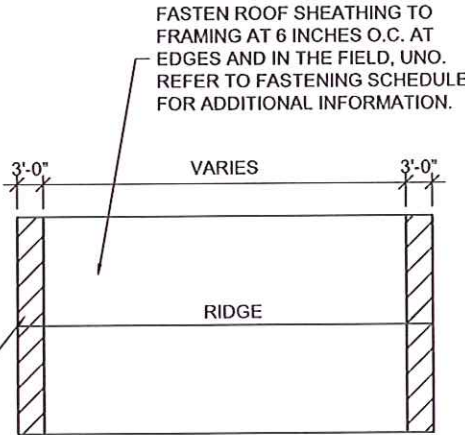
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Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

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DOCUMENT



ROOF FRAMING PLAN

FASTEN ROOF SHEATHING TO FRAMING AT 4 INCHES O.C. AT EDGES AND IN THE FIELD WITHIN THE END STRIP AT EACH ENDWALL. REFER TO FASTENING SCHEDULE FOR ADDITIONAL INFORMATION.



ROOF SHEATHING DIAGRAM



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

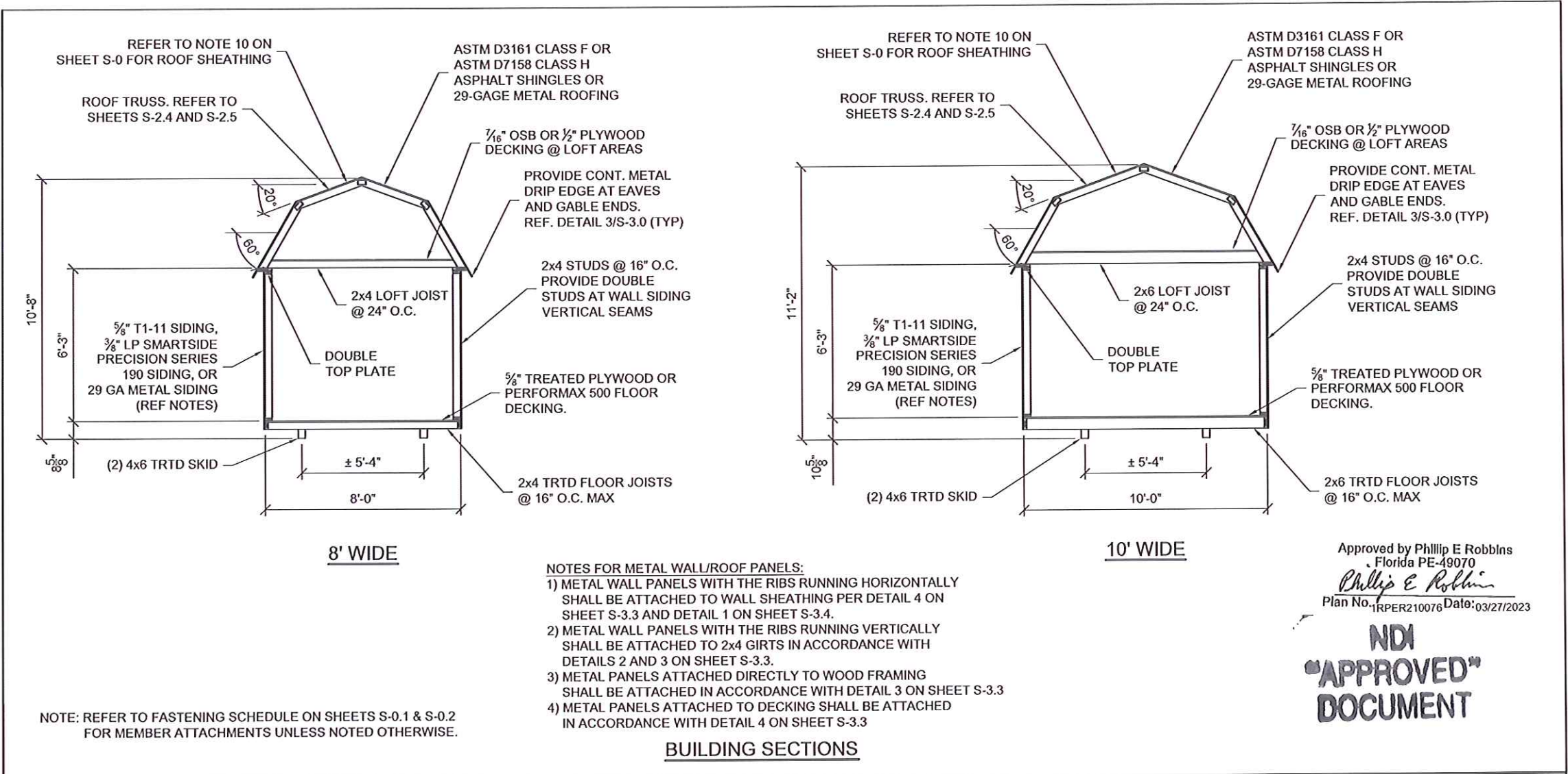
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DN:  
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cn=Kevin Nolan, c=US  
Date: 2023.03.22 13:49:25 -05'00'

**Weather King**  
PORTABLE BUILDINGS

PROJECT NO:  
DATE: 09-28-2021  
DRAWN BY: KLN  
CHECKED BY: KLN  
REVISION: 03-22-2023

SHEET NUMBER  
**S-16-LB**  
SCALE: NOT TO SCALE

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Approved by Phillip E Robbins  
Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

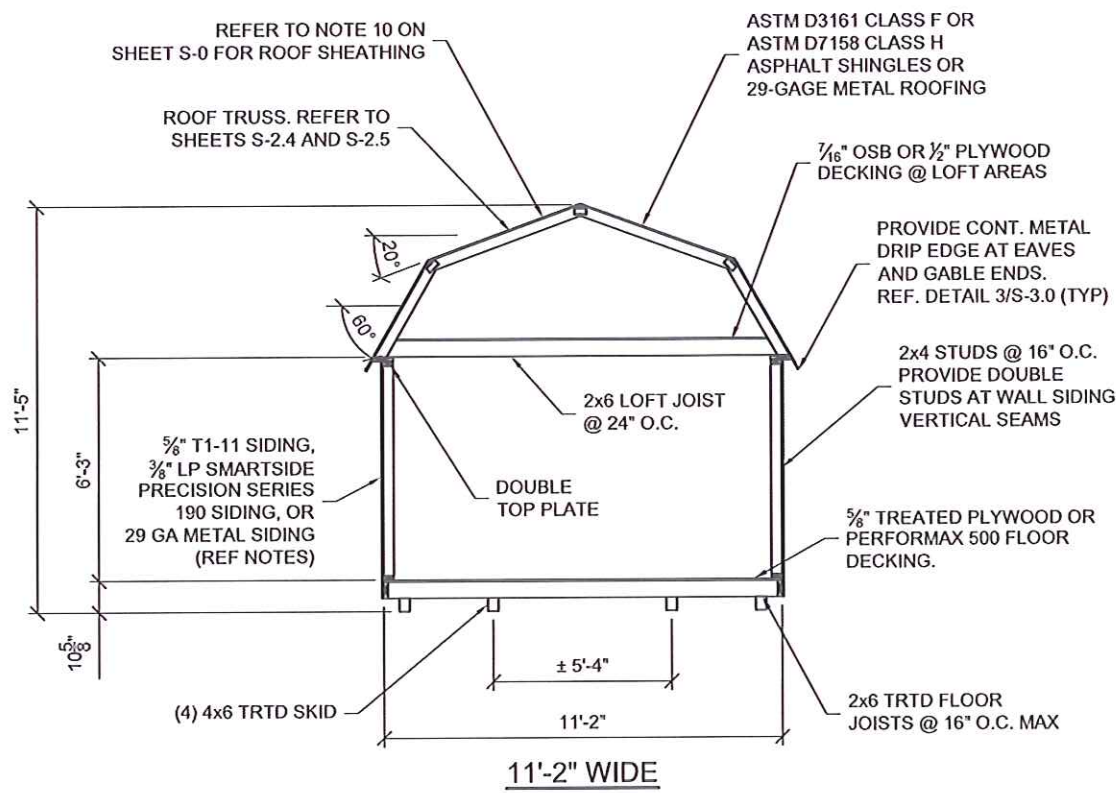
**NDI**  
**"APPROVED"**  
**DOCUMENT**

1. This item has been electronically signed and sealed by Kevin L Nolan, PE on 03/22/2023 using a digital signature.  
2. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copy.

Digitally signed by Kevin Nolan  
DN:  
0.9.2342.19200300.100.1.1=A01410  
C00000179D834EF80000196AF,  
cn=Kevin Nolan, c=US  
Date: 2023.03.22 13:49:58 -05'00'

**Weather King**  
PORTABLE BUILDINGS

PROJECT NO:		SHEET NUMBER <b>S-2.0-LB</b> SCALE: 1/4" = 1'-0"
DATE:	09-28-2021	
DRAWN BY:	KLN	
CHECKED BY:	KLN	
REVISION:		



- NOTES FOR METAL WALL/ROOF PANELS:
- 1) METAL WALL PANELS WITH THE RIBS RUNNING HORIZONTALLY SHALL BE ATTACHED TO WALL SHEATHING PER DETAIL 4 ON SHEET S-3.3 AND DETAIL 1 ON SHEET S-3.4.
  - 2) METAL WALL PANELS WITH THE RIBS RUNNING VERTICALLY SHALL BE ATTACHED TO 2x4 GIRTS IN ACCORDANCE WITH DETAILS 2 AND 3 ON SHEET S-3.3.
  - 3) METAL PANELS ATTACHED DIRECTLY TO WOOD FRAMING SHALL BE ATTACHED IN ACCORDANCE WITH DETAIL 3 ON SHEET S-3.3
  - 4) METAL PANELS ATTACHED TO DECKING SHALL BE ATTACHED IN ACCORDANCE WITH DETAIL 4 ON SHEET S-3.3

Approved by Phillip E Robbins  
Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

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NOTE: REFER TO FASTENING SCHEDULE ON SHEETS S-0.1 & S-0.2 FOR MEMBER ATTACHMENTS UNLESS NOTED OTHERWISE.

BUILDING SECTION



LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

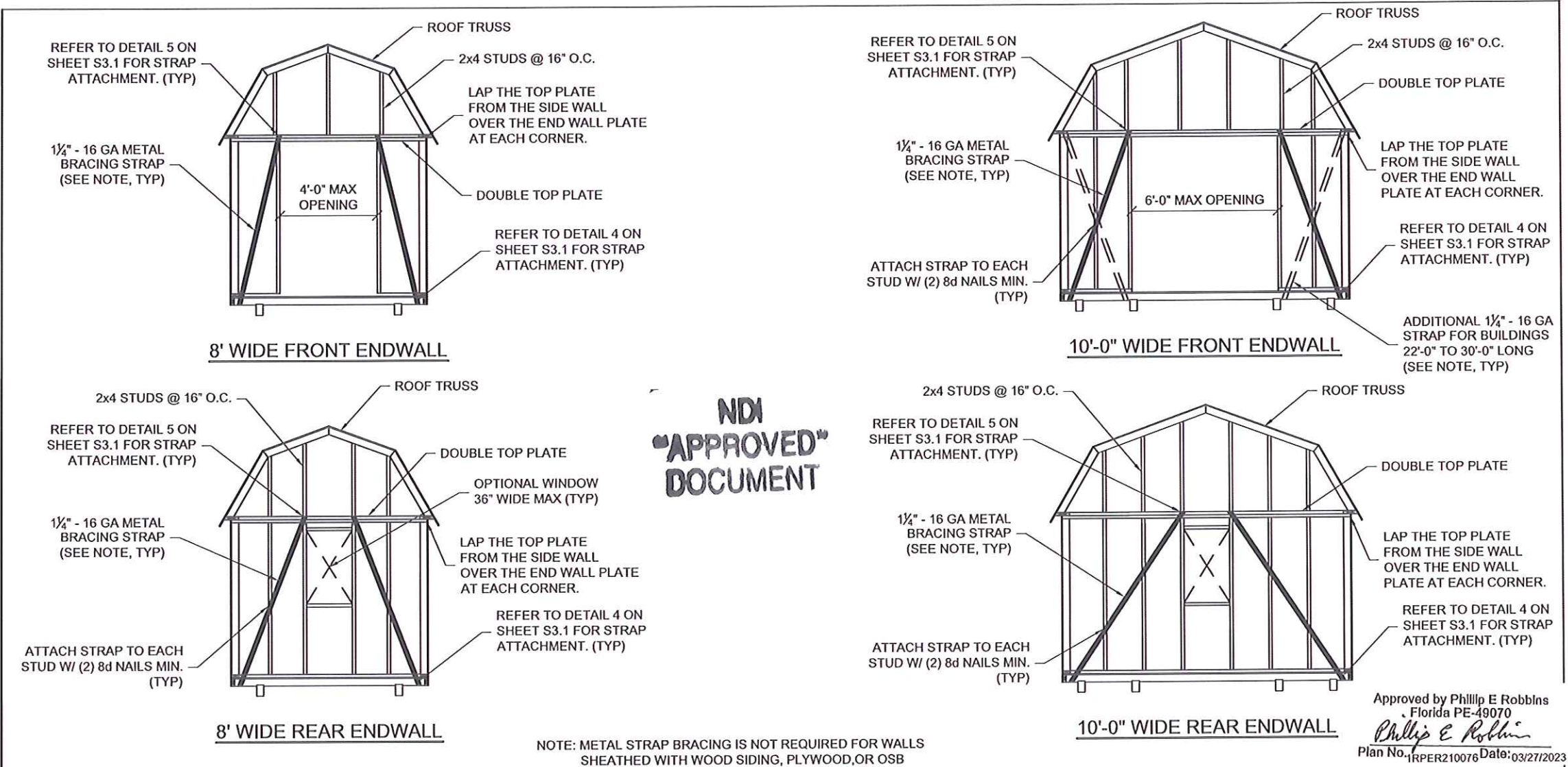
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DN:  
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cn=Kevin Nolan, c=US  
Date: 2023.03.22 13:50:28 -05'00'



PROJECT NO:	
DATE:	09-28-2021
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

SHEET NUMBER  
**S-21-LB**  
SCALE: 1/4" = 1'-0"

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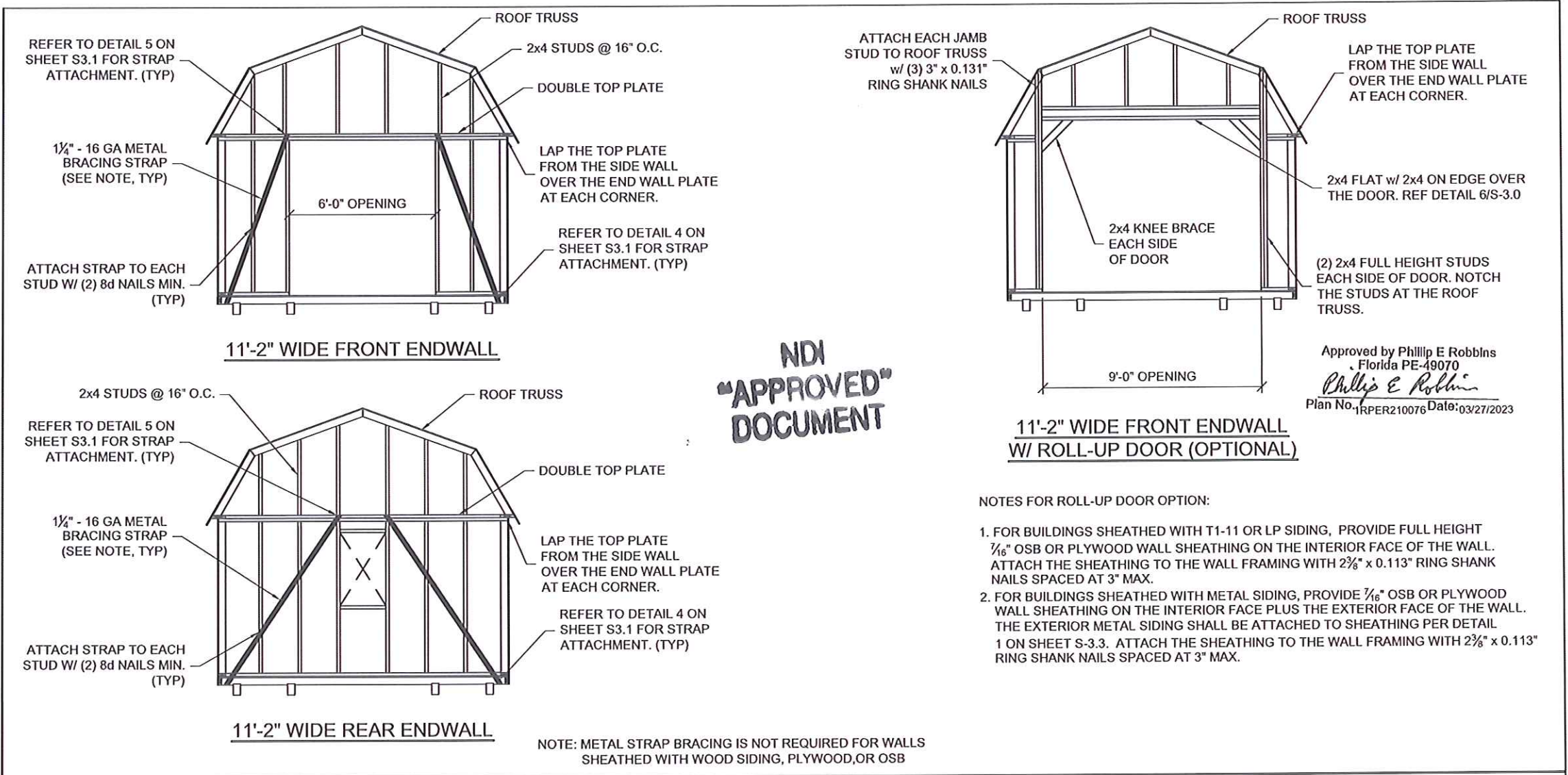
# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

Digitally signed by Kevin Nolan  
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Date: 2023.03.22 13:51:05 -05'00'

1. This item has been electronically signed and sealed by Kevin L Nolan, PE on 03/22/2023 using a digital signature.  
2. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copy.



PROJECT NO:		SHEET NUMBER
DATE:	09-28-2021	<b>S-22-LB</b>
DRAWN BY:	KLN	SCALE: NOT TO SCALE
CHECKED BY:	KLN	
REVISION:		



1. This item has been electronically signed and sealed by Kevin L Nolan, PE on 03/22/2023 using a digital signature.  
2. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copy.

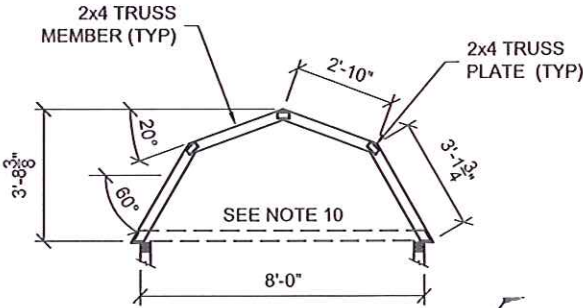
LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

Digitally signed by Kevin Nolan  
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000179D834EF80000196AF, cn=Kevin  
Nolan, c=US  
Date: 2023.03.22 13:52:40 -05'00'

PROJECT NO:		SHEET NUMBER <b>S-23-LB</b> SCALE: NOT TO SCALE
DATE:	09-28-2021	
DRAWN BY:	KLN	
CHECKED BY:	KLN	
REVISION:		

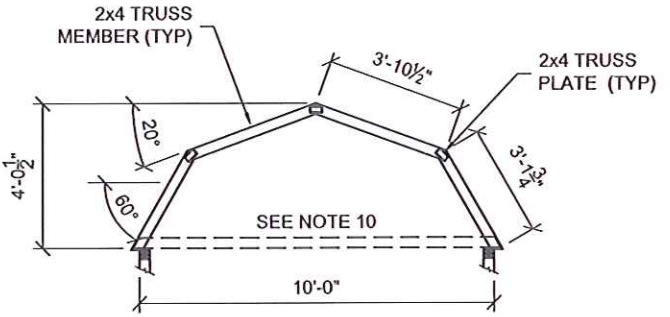
**GENERAL NOTES:**

1. REFER TO SHEET S-0 FOR DESIGN LOADS.
2. MAXIMUM TRUSS SPACING = 24" O.C. UNLESS NOTED OTHERWISE.
3. TRUSS TOP CHORD SHALL BE BRACED W/ STRUCTURAL WOOD SHEATHING ATTACHED DIRECTLY TO TRUSS MEMBERS.
4. ALL TRUSS MEMBERS ARE TO BE SPF #2 OR BETTER.
5. TRUSS PLATES ARE TO BE A MINIMUM OF 20 GAGE (MT20) HYDRAULICALLY PRESSED IN PLACE EACH SIDE OF TRUSS.
6. REACTIONS DUE TO WIND ARE BASED ON MWFRS END ZONE PRESSURES. INDIVIDUAL MEMBERS DESIGNED FOR COMPONENTS AND CLADDING WIND PRESSURE.
7. DEFLECTION MEETS L/240 LIVE LOAD AND L/180 TOTAL LOAD.
8. LOAD DURATION ADJUSTMENT FACTORS:  
ROOF LIVE: 1.25  
WIND: 1.60
9. REPETITIVE MEMBER INCREASE: 1.15
10. HORIZONTAL THRUST IS TO BE RESISTED BY LOFT JOISTS. REFER TO SHEETS S-2.0, S-2.1, AND S-3.0 FOR LOFT JOIST SIZE, AND ATTACHMENT INFORMATION.



**MAX REACTIONS**  
HORIZ: 108 LBS.  
NET UPLIFT: -175 LBS.  
GRAVITY: 269 LBS.

**8' WIDE LOFTED BARN TRUSS**



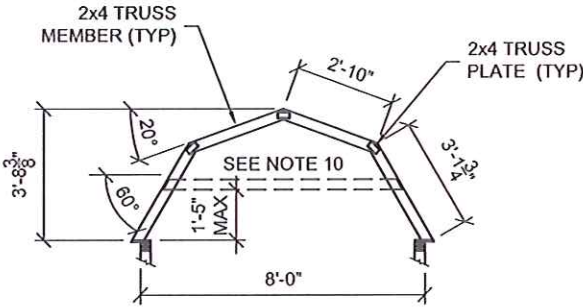
**MAX REACTIONS**  
HORIZ: 121 LBS.  
NET UPLIFT: -227 LBS.  
GRAVITY: 333 LBS.

**10' WIDE LOFTED BARN TRUSS**

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DOCUMENT**

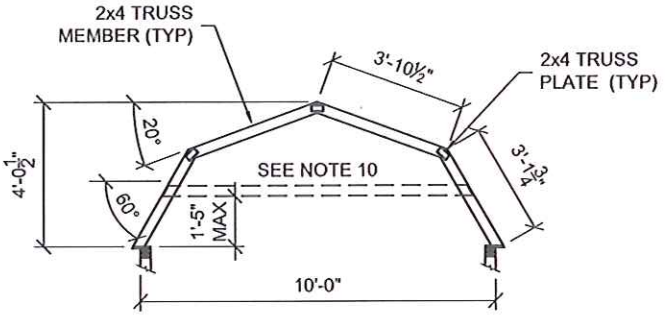
Approved by Phillip E Robbins  
Florida PE-49070

*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023



**MAX REACTIONS**  
HORIZ: 108 LBS.  
NET UPLIFT: -179 LBS.  
GRAVITY: 250 LBS.

**8' WIDE LOFTED BARN TRUSS (OPTIONAL)**



**MAX REACTIONS**  
HORIZ: 121 LBS.  
NET UPLIFT: -231 LBS.  
GRAVITY: 314 LBS.

**10' WIDE LOFTED BARN TRUSS (OPTIONAL)**



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

Digitally signed by Kevin Nolan  
DN:  
0.9.2342.19200300.100.1.1=A01410C000  
00179D834EF80000196AF, cn=Kevin  
Nolan, c=US  
Date: 2023.03.22 13:53:18 -05'00'



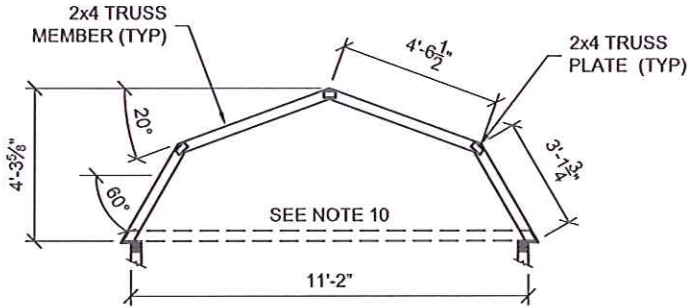
PROJECT NO:	
DATE:	09-28-2021
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

SHEET NUMBER

**S-24-LB**

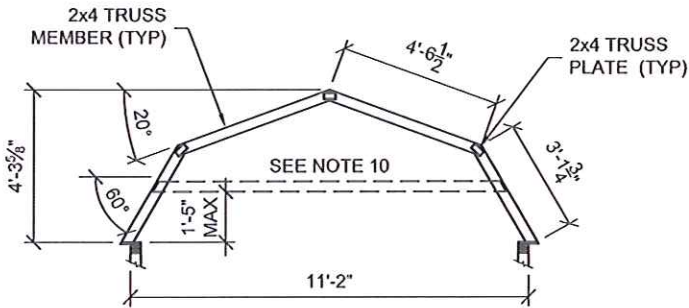
SCALE: 1/4" = 1'-0"

1. This item has been electronically signed and sealed by Kevin L. Nolan, PE on 03/22/2023 using a digital signature.  
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**MAX REACTIONS**  
HORIZ: 125 LBS.  
NET UPLIFT: -258 LBS.  
GRAVITY: 370 LBS.

**11'-2" WIDE LOFTED BARN TRUSS**



**MAX REACTIONS**  
HORIZ: 125 LBS.  
NET UPLIFT: -262 LBS.  
GRAVITY: 351 LBS.

**11'-2" WIDE LOFTED BARN TRUSS (OPTIONAL)**

Approved by Phillip E Robbins  
Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

**NDI**  
**"APPROVED"**  
**DOCUMENT**



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

*Kevin Nolan*

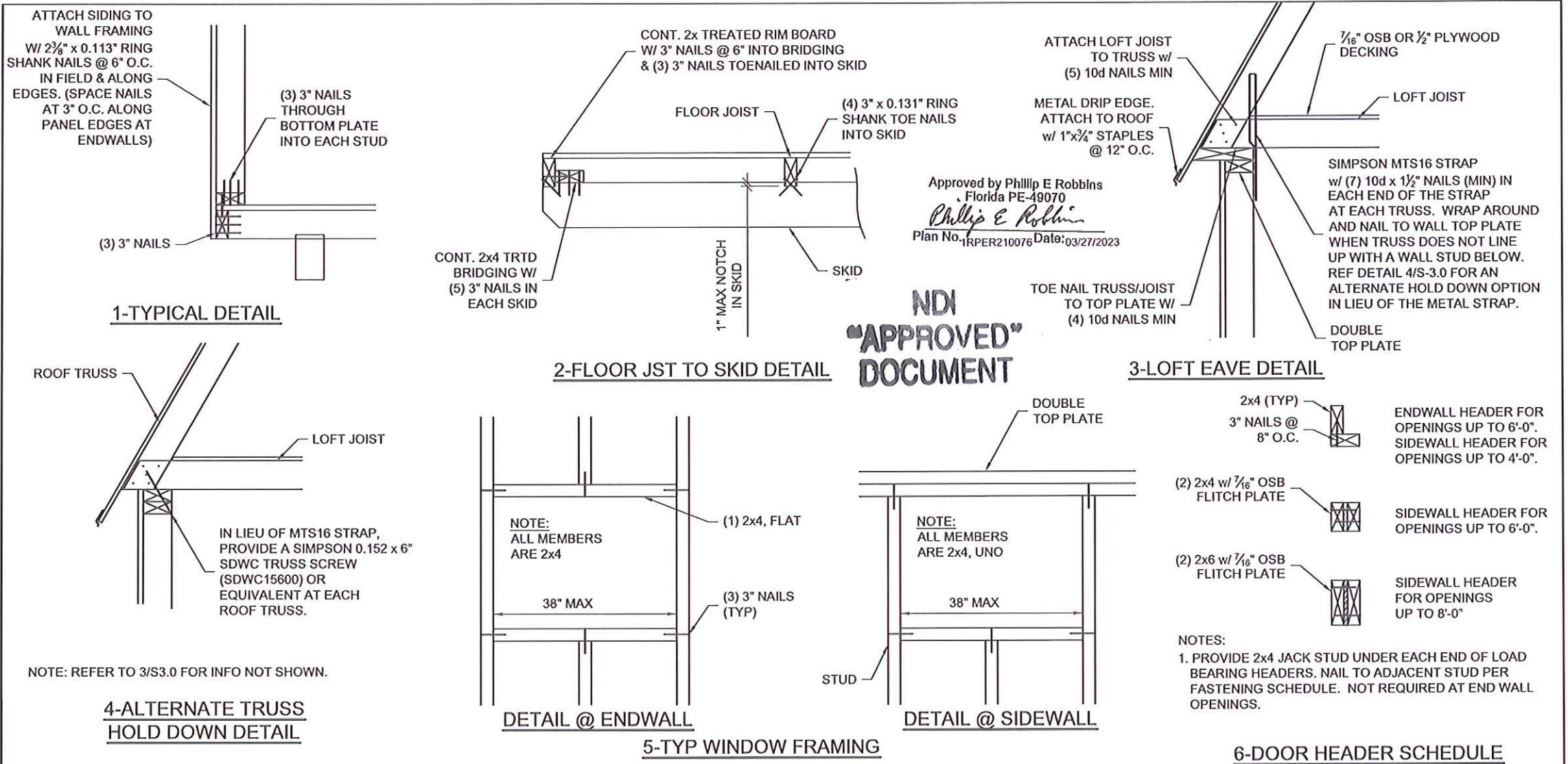
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DN:  
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cn=Kevin Nolan, c=US  
Date: 2023.03.22 13:53:54 -05'00'

**Weather King®**  
**PORTABLE BUILDINGS**

PROJECT NO:  
DATE: 09-28-2021  
DRAWN BY: KLN  
CHECKED BY: KLN  
REVISION:

SHEET NUMBER  
**S-25-LB**  
SCALE: 1/4" = 1'-0"

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Approved by Phillip E Robbins  
Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

NOTE: REFER TO FASTENING SCHEDULE ON SHEETS S-0.1 AND S-0.2 FOR ATTACHMENT INFORMATION NOT NOTED ON THIS SHEET.

*Kevin L. Nolan*

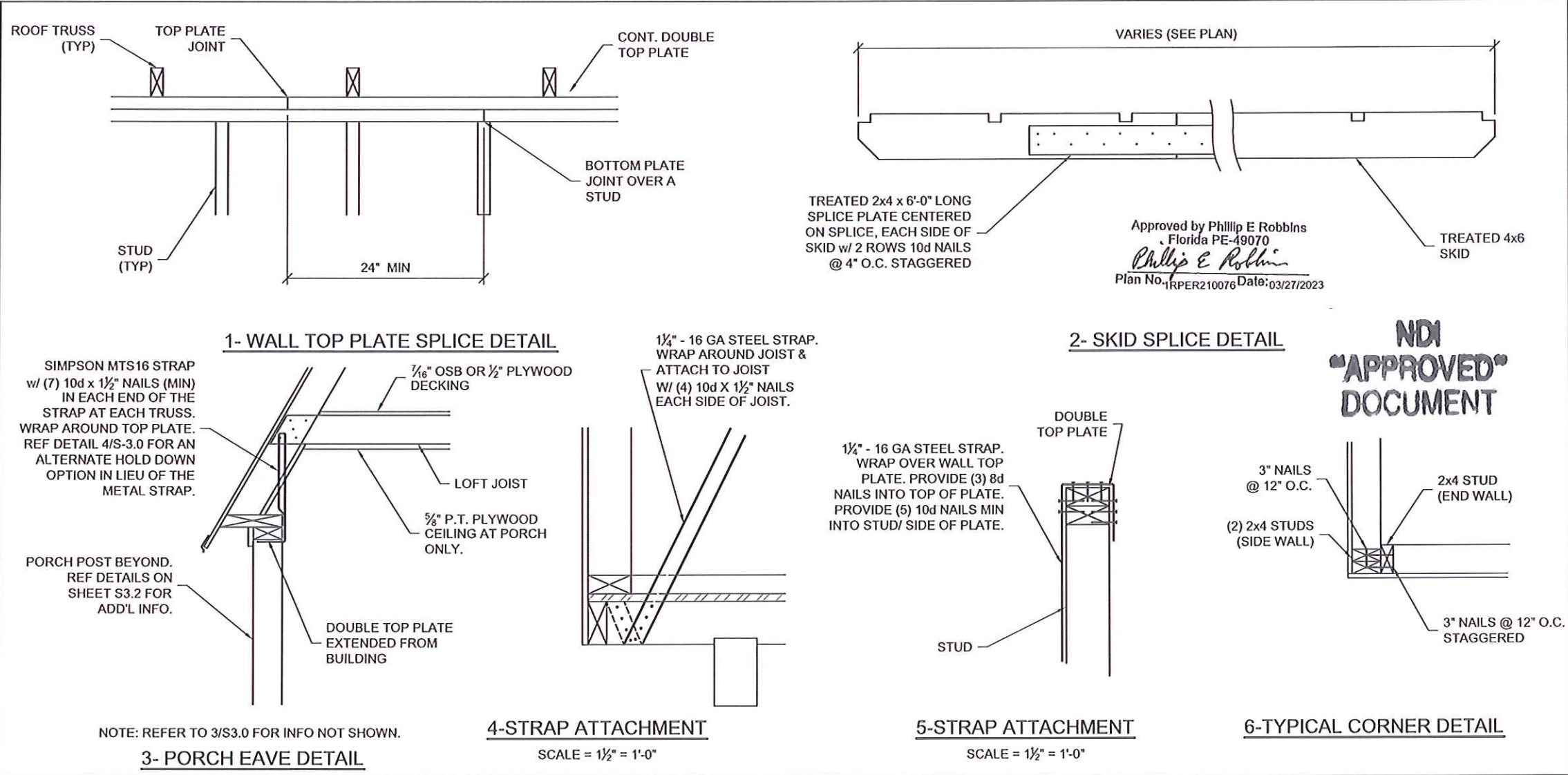
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Date: 2023.03.22 13:54:36 -05'00'



PROJECT NO:	
DATE:	09-28-2021
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

SHEET NUMBER
<b>S-3.0-LB</b>
SCALE: 1"=1'-0"

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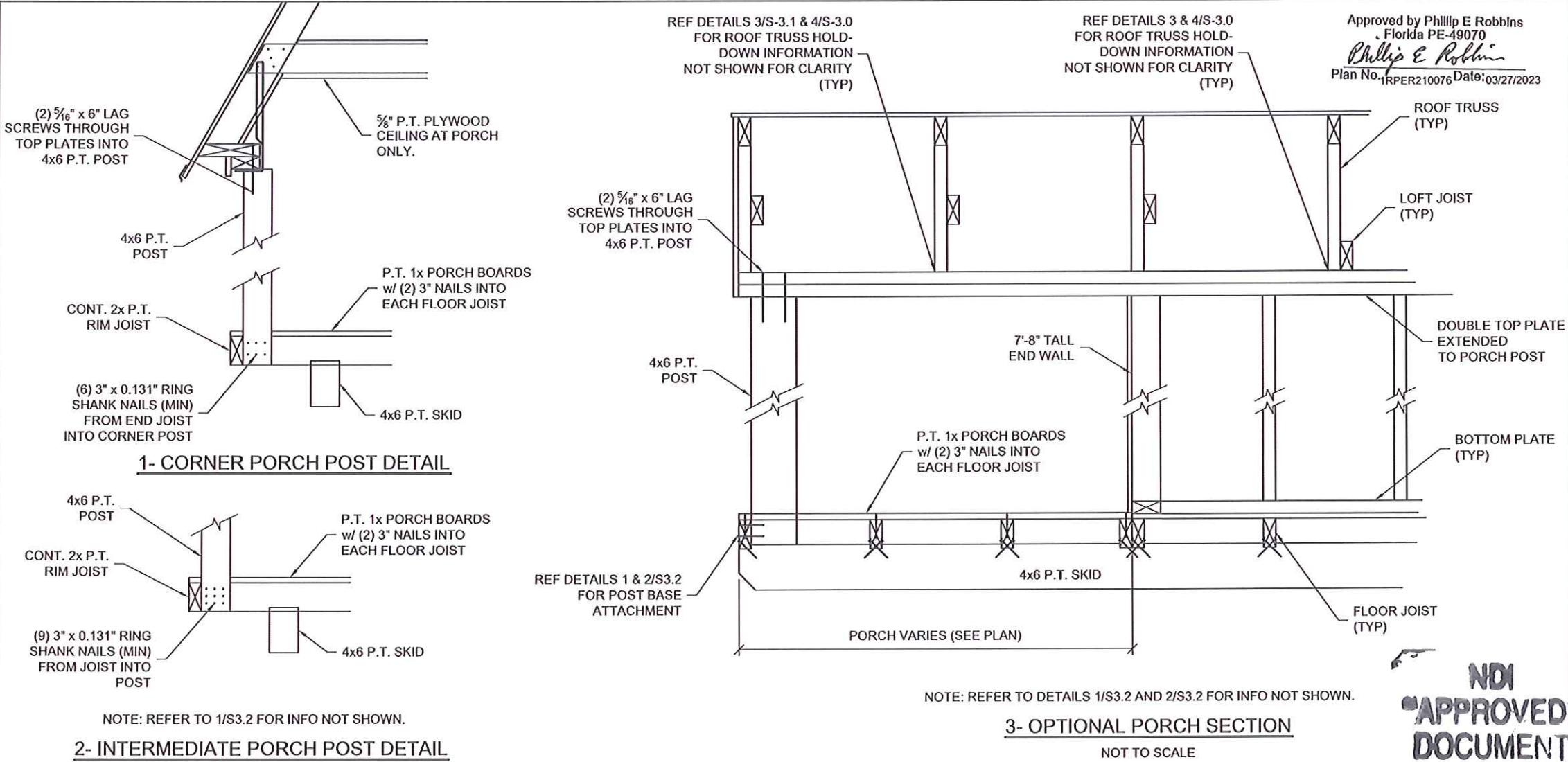
1. This item has been electronically signed and sealed by Kevin L. Nolan, PE on 03/22/2023 using a digital signature.  
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# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

NOTE: REFER TO FASTENING SCHEDULE ON SHEETS S-0.1 AND S-0.2 FOR ATTACHMENT INFORMATION NOT NOTED ON THIS SHEET.

Digitally signed by Kevin Nolan  
DN:  
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9D834EF80000196AF, cn=Kevin Nolan, c=US  
Date: 2023.03.22 13:55:27 -05'00'

PROJECT NO:		SHEET NUMBER <b>S-31-LB</b> SCALE: 1"=1'-0
DATE:	09-28-2021	
DRAWN BY:	KLN	
CHECKED BY:	KLN	
REVISION:		



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

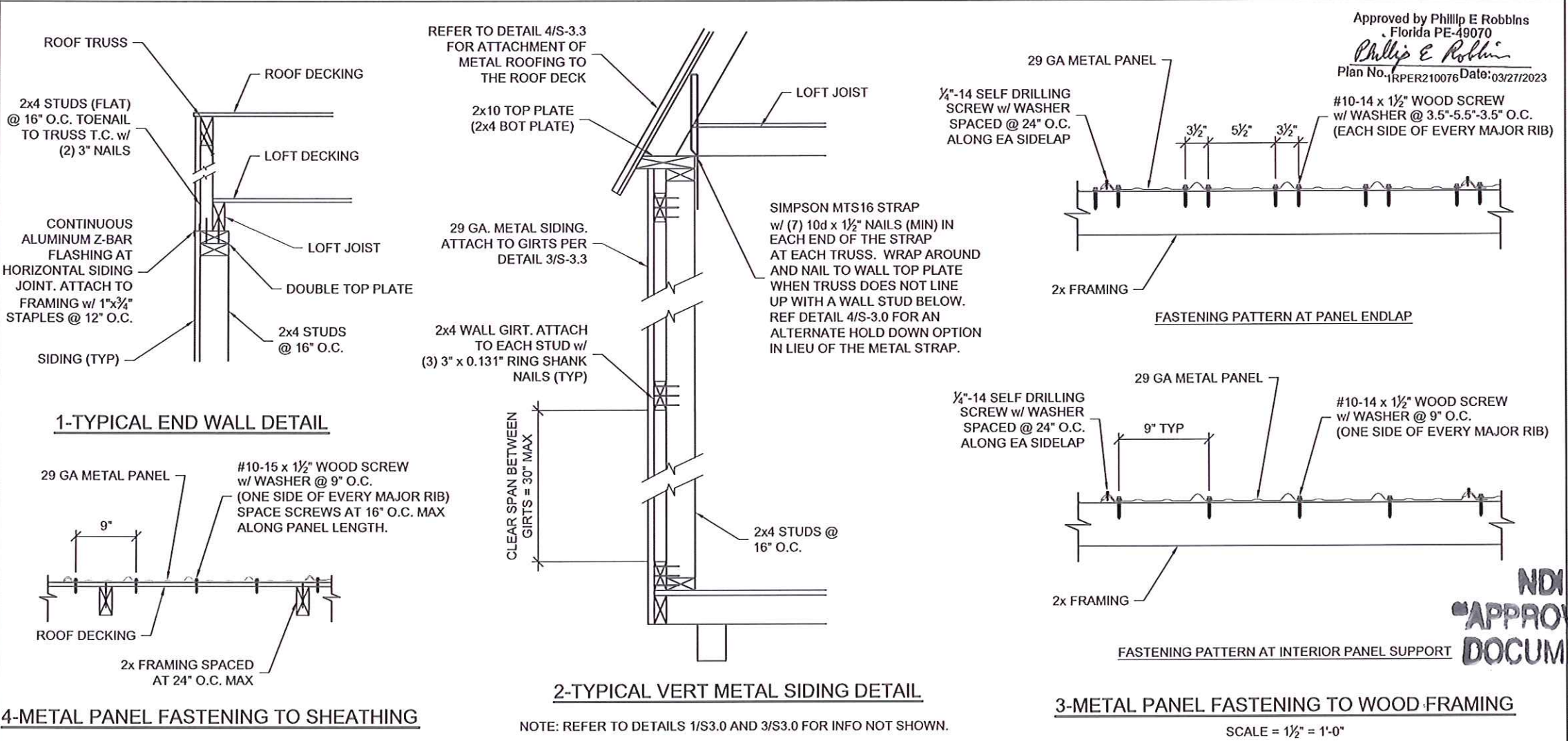
NOTE: REFER TO FASTENING SCHEDULE ON SHEETS S-0.1 AND S-0.2 FOR ATTACHMENT INFORMATION NOT NOTED ON THIS SHEET.

*Kevin L. Nolan*

Digitally signed by Kevin L. Nolan  
DN:  
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D834EF80000156AF, cn=Kevin L. Nolan, c=US  
Date: 2023.03.22 13:56:13 -05'00'



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# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

NOTE: REFER TO FASTENING SCHEDULE ON SHEETS S-0.1 AND S-0.2 FOR ATTACHMENT INFORMATION NOT NOTED ON THIS SHEET.

Digitally signed by Kevin L. Nolan  
DN: 0.9.2342.19200300.100.1.1=A01410C00000179  
D834EF80000196AF, cn=Kevin L. Nolan, c=US  
Date: 2023.03.22 13:57:05 -05'00'



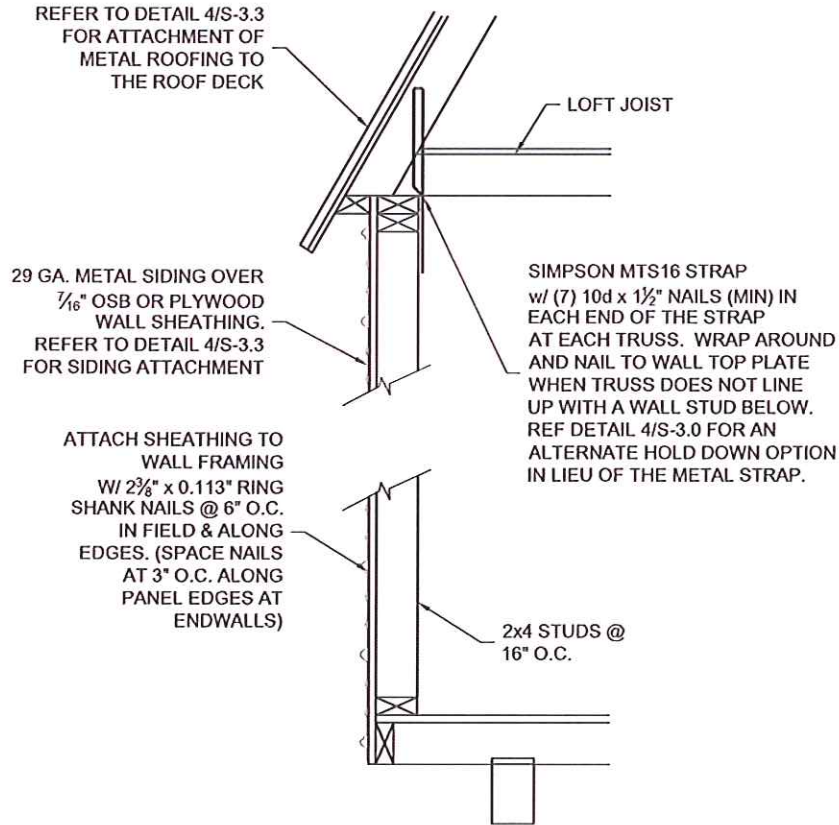
PROJECT NO:	
DATE:	09-28-2021
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

SHEET NUMBER
<b>S-3.3-LB</b>
SCALE: 1"=1'-0"

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Approved by Phillip E Robbins  
Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

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"APPROVED"  
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1-TYPICAL HORIZ METAL SIDING DETAIL

NOTE: REFER TO DETAILS 1/S3.0 AND 3/S3.0 FOR INFO NOT SHOWN.



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

NOTE: REFER TO FASTENING SCHEDULE ON SHEETS S-0.1 AND S-0.2 FOR ATTACHMENT INFORMATION NOT NOTED ON THIS SHEET.

*Kevin L. Nolan*  
Digitally signed by Kevin L. Nolan  
DN: 0.9.2342.19200300.100.1.1=A01410CC0000179  
D834EF80000196AF, cn=Kevin L. Nolan, c=US  
Date: 2023.03.22 13:55:01 -05'00'

**Weather King**  
PORTABLE BUILDINGS

PROJECT NO:

DATE: 09-28-2021

DRAWN BY: KLN

CHECKED BY: KLN

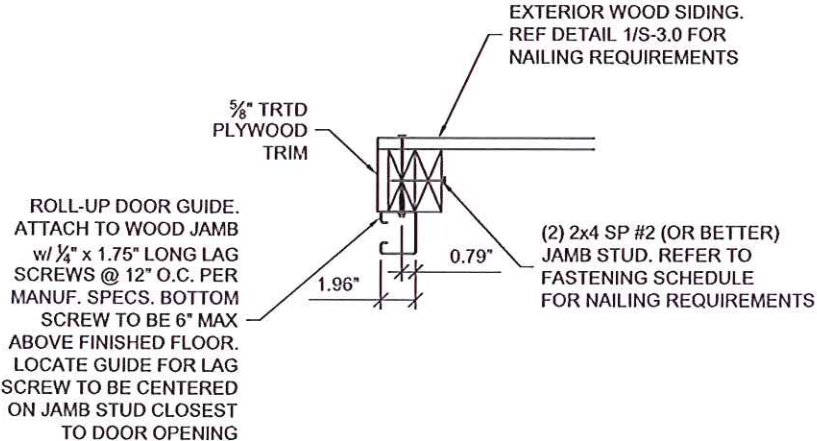
REVISION:

SHEET NUMBER

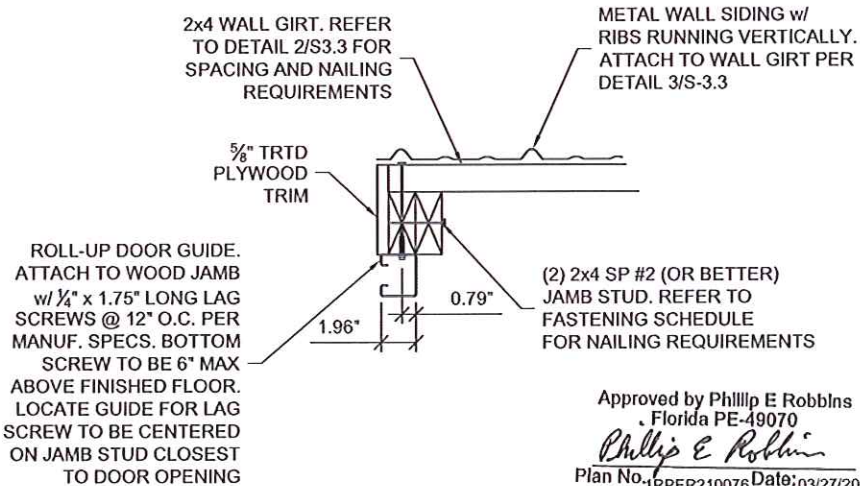
**S-34-LB**

SCALE: 1"=1'-0"

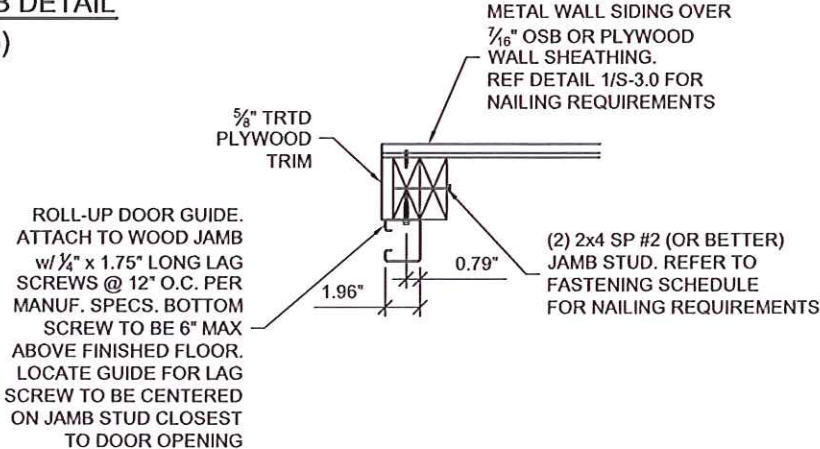
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1-ROLL-UP DOOR JAMB DETAIL  
(WOOD SIDING)



3-ROLL-UP DOOR JAMB DETAIL  
(VERT METAL SIDING)



2-ROLL-UP DOOR JAMB DETAIL  
(HORIZ METAL SIDING)

Approved by Phillip E Robbins  
Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

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# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

NOTE: REFER TO FASTENING SCHEDULE ON SHEETS S-0.1 AND S-0.2 FOR ATTACHMENT INFORMATION NOT NOTED ON THIS SHEET.

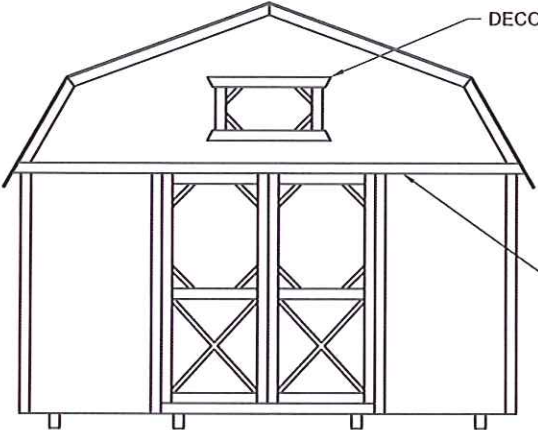
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9D834EF80000196AF, cn=Kevin L. Nolan, c=US  
Date: 2023.03.22 13:58:47 -0500



PROJECT NO:	
DATE:	09-28-2021
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

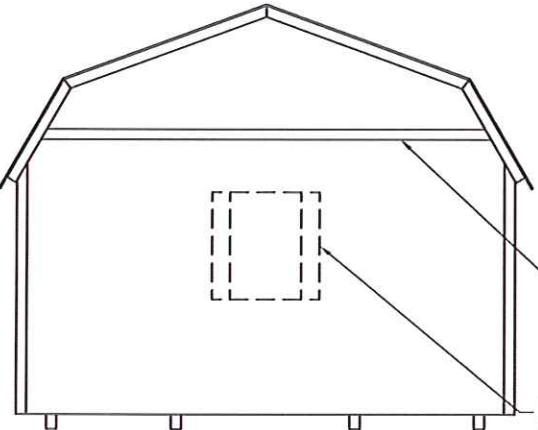
SHEET NUMBER
S-3.5-LB
SCALE: 1 1/2"=1'-0

1. This item has been electronically signed and sealed by Kevin L. Nolan, PE on 03/22/2023 using a digital signature.  
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FRONT ELEVATION

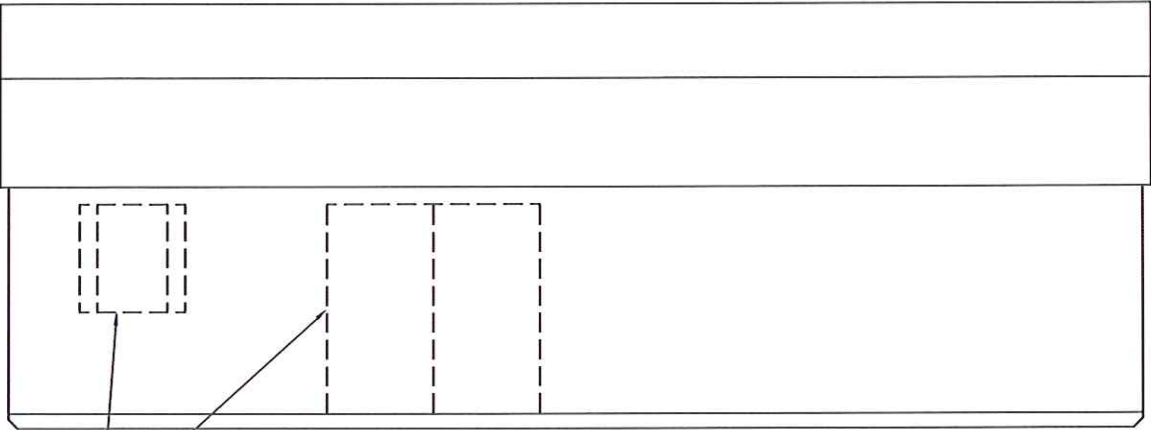
PROVIDE CONTINUOUS ALUMINUM Z-BAR FLASHING AT SIDING HORIZONTAL JOINTS. ATTACH TO FRAMING w/ 1"x3/4" STAPLES AT 12" O.C. (TYP)



REAR ELEVATION

PROVIDE CONTINUOUS ALUMINUM Z-BAR FLASHING AT SIDING HORIZONTAL JOINTS. ATTACH TO FRAMING w/ 1"x3/4" STAPLES AT 12" O.C. (TYP)

OPTIONAL DOOR OR WINDOW. LOCATIONS VARY PER CUSTOMER.



DOOR AND WINDOW LOCATIONS VARY PER CUSTOMER.

SIDE ELEVATION

Approved by Phillip E Robbins  
Florida PE-49070  
*Phillip E Robbins*  
Plan No. 1RPER210076 Date: 03/27/2023

NDI  
"APPROVED"  
DOCUMENT

NOTE:  
WINDOWS, DOORS, AND TRIM SHOWN ARE CONCEPTUAL. ACTUAL WINDOW, DOOR, AND TRIM MAY VARY PER CUSTOMER REQUEST.



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

*Kevin Nolan*

Digitally signed by Kevin Nolan  
DN:  
0.9.2342.19200300.100.1.1=A01410C00  
000179D834EF80000196AF, cn=Kevin  
Nolan, c=US  
Date: 2023.03.22 14:00:02 -05'00'



PROJECT NO:	
DATE:	09-28-2021
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

SHEET NUMBER  
**S-4-LB**  
SCALE: NOT TO SCALE

1. This item has been electronically signed and sealed by Kevin L. Nolan, PE on 03/22/2023 using a digital signature.  
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